BIOTECHNOLOGY SYSTEMS BRANCH

0590
0930

RAW SEQUENCE LISTING ERROR REPORT

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Application Serial Number: 10/085,239
Source: OIPE
Date Processed by STIC: 7/24/02

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Any reply including a sequence listing in electronic form should NOT be sent to the 20231 zip code address for the United States Patent and Trademark Office, and instead should be sent via the following to the indicated addresses:

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Revised 01/29/2002

OIPE

Does Not Comply
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RAW SEQUENCE LISTING
PATENT APPLICATION: US/10/085,239

DATE: 07/24/2002
TIME: 15:43:43

Error on p. 3

Input Set : A:\00076461.txt
Output Set: N:\CRF3\07242002\J085239.raw

```
      3 <110> APPLICANT: University of Sheffield
      4       Ward, Simon
      5       Bavik, Claes
      6       Cork, Michael
      7       Tazi-aahnini, Rachid
      9 <120> TITLE OF INVENTION: Treatment of Hyperproliferative Diseases
     11 <130> FILE REFERENCE: 674569-2001
     13 <140> CURRENT APPLICATION NUMBER: 10/085,239
C--> 14 <141> CURRENT FILING DATE: 2002-07-10
     16 <160> NUMBER OF SEQ ID NOS: 23
     18 <170> SOFTWARE: PatentIn version 3.1
     20 <210> SEQ ID NO: 1
     21 <211> LENGTH: 17
     22 <212> TYPE: DNA
     23 <213> ORGANISM: Artificial Sequence
     25 <220> FEATURE:
     26 <223> OTHER INFORMATION: Example of retinoic response element found in humans and/or
mice
     28 <220> FEATURE:
     29 <221> NAME/KEY: misc_feature
     30 <222> LOCATION: (7)..(7)
     31 <223> OTHER INFORMATION: "n" can be a,t,g, or c
     34 <220> FEATURE:
     35 <221> NAME/KEY: misc_feature
     36 <222> LOCATION: (8)..(8)
     37 <223> OTHER INFORMATION: "n" can be a,t,g, or c
     40 <220> FEATURE:
     41 <221> NAME/KEY: misc_feature
     42 <222> LOCATION: (9)..(9)
     43 <223> OTHER INFORMATION: "n" can be a,t,g, or c
     46 <220> FEATURE:
     47 <221> NAME/KEY: misc_feature
     48 <222> LOCATION: (10)..(10)
     49 <223> OTHER INFORMATION: "n" can be a,t,g or c
     52 <220> FEATURE:
     53 <221> NAME/KEY: misc_feature
     54 <222> LOCATION: (11)..(11)
     55 <223> OTHER INFORMATION: "n" can be a,t,g, or c
     58 <400> SEQUENCE: 1
W--> 59 aggtcannnn naggtca                                          17
     62 <210> SEQ ID NO: 2
     63 <211> LENGTH: 14
     64 <212> TYPE: DNA
     65 <213> ORGANISM: Unknown
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RAW SEQUENCE LISTING DATE: 07/24/2002
PATENT APPLICATION: US/10/085,239 TIME: 15:43:43

Input Set : A:\00076461.txt
Output Set: N:\CRF3\07242002\J085239.raw

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     67 <220> FEATURE:
     68 <223> OTHER INFORMATION: Example of DR-2 retinoic response element found in humans
and/or
     69       mice
     71 <220> FEATURE:
     72 <221> NAME/KEY: misc_feature
     73 <222> LOCATION: (7)..(7)
     74 <223> OTHER INFORMATION: "n" can be a,t,g, or c
     77 <220> FEATURE:
     78 <221> NAME/KEY: misc_feature
     79 <222> LOCATION: (8)..(8)
     80 <223> OTHER INFORMATION: "n" can be a,t,g, or c
     83 <400> SEQUENCE: 2
W--> 84 aggtcannag gtca                                                    14
     87 <210> SEQ ID NO: 3
     88 <211> LENGTH: 15
     89 <212> TYPE: DNA
     90 <213> ORGANISM: Unknown
     92 <220> FEATURE:
     93 <223> OTHER INFORMATION: example of consensus vitamin D response element found in
humans
     94       and/or mice
     96 <220> FEATURE:
     97 <221> NAME/KEY: misc_feature
     98 <222> LOCATION: (7)..(7)
     99 <223> OTHER INFORMATION: "n" can be a,t,g or c
    102 <220> FEATURE:
    103 <221> NAME/KEY: misc_feature
    104 <222> LOCATION: (8)..(8)
    105 <223> OTHER INFORMATION: "n" can be a,t,g or c
    108 <400> SEQUENCE: 3
W--> 109 gggtganngg gggca                                                  15
    112 <210> SEQ ID NO: 4
    113 <211> LENGTH: 15
    114 <212> TYPE: DNA
    115 <213> ORGANISM: Unknown
    117 <220> FEATURE:
    118 <223> OTHER INFORMATION: example of vitamin D response element found in humans and/or
mice
    120 <220> FEATURE:
    121 <221> NAME/KEY: misc_feature
    122 <222> LOCATION: (7)..(7)
    123 <223> OTHER INFORMATION: "n" can be a,t,g, or c
    126 <220> FEATURE:
    127 <221> NAME/KEY: misc_feature
    128 <222> LOCATION: (8)..(8)
    129 <223> OTHER INFORMATION: "n" can be a,t,g, or c
    132 <220> FEATURE:
    133 <221> NAME/KEY: misc_feature
    134 <222> LOCATION: (9)..(9)
    135 <223> OTHER INFORMATION: "n" can be a,t,g, or c
    138 <400> SEQUENCE: 4
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RAW SEQUENCE LISTING DATE: 07/24/2002
PATENT APPLICATION: US/10/085,239 TIME: 15:43:43

Input Set : A:\00076461.txt
Output Set: N:\CRF3\07242002\J085239.raw

W--> 139 aggtcannna ggtca 15
142 <210> SEQ ID NO: 5
143 <211> LENGTH: 13
144 <212> TYPE: DNA
145 <213> ORGANISM: Unknown
147 <220> FEATURE:
148 <223> OTHER INFORMATION: example of Peroxisome Profliferator-Activated Receptor Response
149 Element found in humans and/or mice
151 <220> FEATURE:
152 <221> NAME/KEY: misc_feature
153 <222> LOCATION: (6)..(6)
154 <223> OTHER INFORMATION: "n" can be a,t,g, or c
157 <400> SEQUENCE: 5
W--> 158 aggtcnaagg tca 13
161 <210> SEQ ID NO: 6
162 <211> LENGTH: 16
163 <212> TYPE: DNA
164 <213> ORGANISM: Unknown
166 <220> FEATURE:
167 <223> OTHER INFORMATION: example of thyroid response element found in humans and/or mice
169 <220> FEATURE:
170 <221> NAME/KEY: misc_feature
171 <222> LOCATION: (7)..(7)
172 <223> OTHER INFORMATION: "n" can be a,t,g or c
175 <220> FEATURE:
176 <221> NAME/KEY: misc_feature
177 <222> LOCATION: (8)..(8)
178 <223> OTHER INFORMATION: "n" can be a,t,g or c
181 <220> FEATURE:
182 <221> NAME/KEY: misc_feature
183 <222> LOCATION: (9)..(9)
184 <223> OTHER INFORMATION: "n" can be a,t,g or c
187 <220> FEATURE:
188 <221> NAME/KEY: misc_feature
189 <222> LOCATION: (10)..(10)
190 <223> OTHER INFORMATION: "n" can be a,t,g or c
193 <400> SEQUENCE: 6
W--> 194 aggtcannnn aggtca 16
197 <210> SEQ ID NO: 7
198 <211> LENGTH: 13
199 <212> TYPE: DNA
200 <213> ORGANISM: chicken
202 <220> FEATURE:
203 <221> NAME/KEY: misc_feature
204 <222> LOCATION: (7)..(7)
205 <223> OTHER INFORMATION: "x" can be a,t,g, or c
208 <400> SEQUENCE: 7
W--> 209 aggtcanagg tca 13
212 <210> SEQ ID NO: 8

no x in sequence; a nucleotide cannot be designated by x

RAW SEQUENCE LISTING DATE: 07/24/2002
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Input Set : A:\00076461.txt
Output Set: N:\CRF3\07242002\J085239.raw

213 <211> LENGTH: 9
214 <212> TYPE: DNA
215 <213> ORGANISM: homo sapiens
217 <220> FEATURE:
218 <221> NAME/KEY: misc_feature
219 <222> LOCATION: (2)..(2)
220 <223> OTHER INFORMATION: "n" can be a,t,g, or c
223 <220> FEATURE:
224 <221> NAME/KEY: misc_feature
225 <222> LOCATION: (9)..(9)
226 <223> OTHER INFORMATION: "h" can be a, c or t/u
229 <220> FEATURE:
230 <221> NAME/KEY: misc_feature
231 <222> LOCATION: (7)..(7)
232 <223> OTHER INFORMATION: "h" can be a, c or t/u
235 <220> FEATURE:
236 <221> NAME/KEY: misc_feature
237 <222> LOCATION: (1)..(1)
238 <223> OTHER INFORMATION: "v" can be a, g or c
241 <220> FEATURE:
242 <221> NAME/KEY: misc_feature
243 <222> LOCATION: (8)..(8)
244 <223> OTHER INFORMATION: "n" can be a,t,g, or c
247 <400> SEQUENCE: 8
W--> 248 vngatahnh 9
251 <210> SEQ ID NO: 9
252 <211> LENGTH: 22
253 <212> TYPE: DNA
254 <213> ORGANISM: homo sapiens
256 <400> SEQUENCE: 9
257 gcatcattgc tgaggtcaag gc 22
260 <210> SEQ ID NO: 10
261 <211> LENGTH: 18
262 <212> TYPE: DNA
263 <213> ORGANISM: homo sapiens
265 <400> SEQUENCE: 10
266 cgataccaag acctccac 18
269 <210> SEQ ID NO: 11
270 <211> LENGTH: 13
271 <212> TYPE: PRT
272 <213> ORGANISM: Artificial Sequence
274 <220> FEATURE:
275 <223> OTHER INFORMATION: Peptide 589 synthesised to mimic the proposed binding regions of
276 RBP to its receptor
278 <400> SEQUENCE: 11
280 Gly Arg Val Arg Leu Leu Asn Asn Trp Asp Val Cys Ala
281 1 5 10
284 <210> SEQ ID NO: 12
285 <211> LENGTH: 15

RAW SEQUENCE LISTING DATE: 07/24/2002
PATENT APPLICATION: US/10/085,239 TIME: 15:43:43

Input Set : A:\00076461.txt
Output Set: N:\CRF3\07242002\J085239.raw

286 <212> TYPE: PRT
287 <213> ORGANISM: Artificial Sequence
289 <220> FEATURE:
290 <223> OTHER INFORMATION: Peptide 592 synthesised to mimic the proposed binding regions of
291 RBP to its receptor
293 <400> SEQUENCE: 12
295 Met Lys Tyr Trp Gly Val Ala Ser Phe Leu Gln Lys Gly Asn Asp
296 1 5 10 15
299 <210> SEQ ID NO: 13
300 <211> LENGTH: 18
301 <212> TYPE: DNA
302 <213> ORGANISM: Artificial Sequence
304 <220> FEATURE:
305 <223> OTHER INFORMATION: Primer sense 726-743 used ot make probe against K10
307 <400> SEQUENCE: 13
308 tggaggctga catcaacg 18
311 <210> SEQ ID NO: 14
312 <211> LENGTH: 22
313 <212> TYPE: DNA
314 <213> ORGANISM: Artificial Sequence
316 <220> FEATURE:
317 <223> OTHER INFORMATION: Primer antisense 1257-1278 used to make probe against K10
319 <400> SEQUENCE: 14
320 tattcagtat tctggcactc gg 22
323 <210> SEQ ID NO: 15
324 <211> LENGTH: 22
325 <212> TYPE: DNA
326 <213> ORGANISM: Artificial Sequence
328 <220> FEATURE:
329 <223> OTHER INFORMATION: Primer sense 195-217 used to make probe against K10
331 <400> SEQUENCE: 15
332 caggtggcta tggaggatta gg 22
335 <210> SEQ ID NO: 16
336 <211> LENGTH: 22
337 <212> TYPE: DNA
338 <213> ORGANISM: Artificial Sequence
340 <220> FEATURE:
341 <223> OTHER INFORMATION: Primer antisense 687-708 used to make probe against K10
343 <400> SEQUENCE: 16
344 acctcattct catacttcag cc 22
347 <210> SEQ ID NO: 17
348 <211> LENGTH: 22
349 <212> TYPE: DNA
350 <213> ORGANISM: Artificial Sequence
352 <220> FEATURE:
353 <223> OTHER INFORMATION: Primer sense 1046-1067 used to make probe against K1
355 <400> SEQUENCE: 17
356 gcatcattgc tgaggtcaag gc 22
359 <210> SEQ ID NO: 18

VERIFICATION SUMMARY DATE: 07/24/2002
PATENT APPLICATION: US/10/085,239 TIME: 15:43:44

Input Set : A:\00076461.txt
Output Set: N:\CRF3\07242002\J085239.raw

L:14 M:271 C: Current Filing Date differs, Replaced Current Filing Date
L:59 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1
L:84 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:2
L:109 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3
L:139 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:4
L:158 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:5
L:194 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:6
L:209 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:7
L:248 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:8